EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	157215	(gear or hub or pinion).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/11 11:07
L2	24878	1 (elastic or flexible or plastic or compressible).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/11 11:08
L3	8456	2 (motor or actuator).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/11 11:09
L4	812	3 worm.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/11 11:10
L5	234	4 (ring or disk).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/11 11:10
L6	40	5 (lock$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/11 11:11
L8	22	6 control.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/11 11:12
L9	13	8 (torque or force).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/11 11:12
S1	7861	(74/53,54,55,89.14,405,411,443, 446).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/11 11:07

S2	6	S1 elastic gear hub arm drive motor lock	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/16 13:32
S3	33	S1 plastic gear hub arm drive motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/04 11:50
S4	3	("3403259").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/11/16 14:00
S5	2	("3406583").PN.	USPAT; USOCR	OR	OFF	2006/11/16 15:32
S6	10	(("6445081") or ("6073503") or ("6145354") or ("4367660") or ("3446085") or ("4889608") or ("5697237") or ("6439624") or ("5649726")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/10 17:01
S7	9	("3995201" | "4144555" | "4270783" | "5240296" | "5273324" | "5308129" | "5359884" | "5937584").PN. OR ("6445081"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/16 16:18
S8	6	S6 spring	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/16 16:46
S9	15	S1 spring stopper disk	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/16 16:49
S10	76	S1 (window or door) spring lock	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/16 17:07
S11	67	S1 ((window or door) (lift or lock)) spring arm	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/16 17:17
S12	32332	((window or door) (lift or lock)) spring arm shaft	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/16 17:17
S13	8827	S12 actuator	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/16 17:17
S14	3390	S13 control disk	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/16 17:18

S15	1989	S14 gear motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/16 17:19
S16	795	S15 bias	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/16 17:19
S17	150	S16 vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/16 17:19
S18	6131	(window or door) (two adj arms) spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 07:42
S19	66965	(lock or locking) door spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 07:57
S20	17039	S19 vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 07:53
S21	11744	S20 (arm or lever)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 07:53
S22	912	S21 theft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 07:54
S23	3738	(lock or locking) door spring worm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 07:57
S24	3342	(lock or locking) door spring worm gear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 07:58

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S25	292	(lock or locking) door spring worm gear "292"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 08:52
S26	1	("6557911").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 08:22
S27	13	("5802894"|"5934717"|"5938253"|" 6056334"|"6155124"|"6279361"|"63 86599"|"6390517"|"6419286"|"6435 573"|"6439623"|"6474704"|"656513 1").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 08:27
S28	3	("20040113438"|"5934717"|"593825 3").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 08:27
S29	11	("4290634" | "4518181" | "4624491" | "4904006" | "4926707" | "5002322" | "5020838" | "5649726" | "5667263" | "5802894" | "6003910").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 08:29
S30	36	("0950551" | "2824582" | "2898138" | "3566703").PN. OR ("4518181"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 08:47
S31	1	"5020838".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/17 08:47
S32	159	S25 bias$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2006/11/17 09:14
S33	6	(("6988749") or ("6435573") or ("6371536") or ("4904006") or ("4763936") or ("4664430")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/17 10:14
S34	1362	(292/201).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/11/17 10:14

EAST Search History

S36	7877	(74/53,54,55,89.14,405,411,443, 446).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/01 09:47
S38	10	("2785580" | "3610781" | "4770055" | "4774423" | "5182957" | "5735015" | "5979256" | "6000092").PN. OR ("6449798"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 09:58
S39	187	S36 (elastic or elastomeric or flexible or compressible) gear drive motor arm	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 10:30
S40	1	("6073395").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/01 10:07
S41	36	S36 (elastic or elastomeric or flexible or compressible or plastic) gear hub (lash or backlash or (back adj lash))	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 11:42

| S42 | 293 | ("0284290" \| "0287711" \| "0288134" \| "0312780" \| "0314472" \| "0379022" \| "0680654" \| "0820789" \| "1060865" \| "1265811" \| "1424203" \| "1674226" \| "1750827" \| "1757517" \| "1780727" \| "1913525" \| "1925278" \| "1928763" \| "1967322" \| "2004712" \| "2049133" \| "2105188" \| "2118913" \| "2157211" \| "2162071" \| "2182387" \| "2187706" \| "2260869" \| "2301600" \| "2306539" \| "2307129" \| "2325193" \| "2380776" \| "2400586" \| "2460630" \| "2560644" \| "2591734" \| "2702995" \| "2753731" \| "2857777" \| "2869388" \| "2904150" \| "2939331" \| "2955481" \| "2956187" \| "2961856" \| "2998114" \| "3020036" \| "3057220" \| "3071850" \| "3076352" \| "3078206" \| "3167975" \| "3171270" \| "3216267" \| "3218828" \| "3223214" \| "3236347" \| "3245508" \| "3257860" \| "3265172" \| "3283864" \| "3304795" \| "3323624" \| "3360998" \| "3362256" \| "3375911" \| "3406583" \| "3428155" \| "3557573" \| "3557633" \| "3565223" \| "3628353" \| "3640363" \| "3667317" \| "3757608" \| "3770088" \| "3791499" \| "3885657" \| "3930339" \| "3943788" \| "3952546" \| "4004669" \| "4178811" \| "4184578" \| "4222202" \| "4241818" \| "4296851" \| "4296853" \| "4296854" \| "4300670" \| "4328879" \| "4441600" \| "4461376" \| "4465172" \| "4474276" \| "4478326" \| "4511186" \| "4530673" \| "4537298" \| "4541296" \| "4549642" \| "4552543" \| "4558773" \| "4560366" \| "4560367" \| "4562913" \| "4564097" \| "4572344" \| "4573723" \| "4574930" \| "4591040" \| "4606451" \| "4609088" \| "4615096" \| "4616742" \| "4624351" \| "4629048" \| "4632235" \| "4635779" \| "4635780" \| "4638684" \| "4646899" \| "4674351" \| "4680979").PN. OR ("4693354" \| "4696384" \| "4706512" \| "4709796" \| "4729464" \| "4732250" \| "4741420" \| "4744448" \| "4760906" \| "4764152" \| "4793455" \| "4796728" \| "4846323" \| "4891033" \| "4892008" \| "4899862" \| "4913275" \| "4919246" \| "4938729" \| "4951515" \| "4972734" \| "4987987" \| "4996892" | US-PGPUB; USPAT; USOCR | AND | ON | 2007/05/01 10:32 |

S43	17	("3455174" | "4748865" | "4899608" | "4995568" | "5040430" | "5062241" | "5178026" | "5212999" | "5267482" | "5956998").PN. OR ("6393929").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 10:41
S44	7	("3808906").URPN.	USPAT	AND	ON	2007/05/01 10:54
S45	17	S36 (vehicle or automotive) door lock (elastic or elastomeric or plastic or flexible or compressible)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 11:41
S46	1345	(elastic or elastomeric or flexible or compressible) gear hub bond	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 11:43
S47	337	S46 (backlash or absorb)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 11:47
S48	132	S36 drive overload	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 11:47
S49	36	("3406583").URPN.	USPAT	AND	ON	2007/05/01 11:55
S50	11	("1962993" | "3406583" | "3762463" | "4702122" | "4766641" | "5000721" | "5601491").PN. OR ("6508140").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 12:26
S51	233	(gear hub) with elastic	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/01 12:52
S53	1307	(74/440,439,445).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/01 12:53
S56	14	S53 gear elastic (absorb or back lash or overload)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/01 12:57
S57	27	S53 gear (elastic or elastomeric or flexible or compressible) (absorb or back lash or overload)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/01 13:07
S58	33	(S36 or S53) (hub gear elastic (overload or absorb or damper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/01 13:19

S59	320	(S36 or S53) (hub gear intermediate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/01 13:19
S60	1	("6613439").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/01 15:16
S62	1	material bond (two adj component adj technique)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/01 15:21
S63	12431	(plastic or elastic or elastomeric) gear (hub or pinion) (overload or absorb or stress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/04 11:52
S64	871	S63 door lock	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/04 11:52
S65	298	S64 (vehicle or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/04 11:53
S66	181	S65 (bond or integral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/04 11:57
S67	2733	(292/216,201).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/04 11:57
S68	20	S67 ((gear or hub) with (plastic or elastic or elastomeric or flexible)) (bond or integral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/04 12:02
S69	64	S67 (overload or absorb) gear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/04 12:03

S70	3	("3307419").URPN.	USPAT	AND	ON	2007/05/04 12:36
S71	89	((overload or absorb$3 or lash) gear).ti.	USPAT	AND	ON	2007/05/04 12:36
S72	7878	(74/53,54,55,89.14,405,411,443, 446).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/08 13:03
S73	8	S72 (gear with elastic with integral)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/08 13:07
S74	20	(gear with elastic with (integral or bond) with (hub or carrier or pinion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/08 13:11
S75	5	(material adj bond) with gear	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/08 13:13
S76	200	(gear with bond) (plastic or elastic or flexible or compressible or spring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/08 13:13
S77	16	("1785812" | "3541873" | "4078445" | "5452622").PN. OR ("5927149"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/08 13:18
S78	10	("1785812" | "4078445" | "4174643" | "4269262" | "5452622" | "5596905" | "5722295" | "5927149" | "6183230").PN. OR ("6736022"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/08 13:24
S79	143	(Weis christian).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/10 17:06
S80	1884	(74/425).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/10 17:06

S81	309	S80 gear (elastic or flexible or plastic or compressible)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/10 17:07
S82	183	S81 motor (arm or member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/10 17:08
S83	12	("3386264" | "3496791" | "3496802").PN. OR ("3789690"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/10 17:31
S84	105	S81 (bond or adhesive or integral)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/10 17:34
S85	29	S81 (bond or adhesive)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/10 17:34